IN THE CLAIMS:

The following is a complete listing of the claims in this application, reflects all changes currently being made to the claims, and replaces all earlier versions and all earlier listings of the claims:

1. (Currently Amended) A [[Tire]]tire provided with a capacitative sensor comprising [[two]] at least a pair of substantially parallel electrodes, the capacitative sensor being located on a sidewall of the tire, wherein the electrodes ~~of the sensor~~ lie substantially in a plane perpendicular to the rotation axis of the tire and are substantially orientated in an ortho-radial direction.

2. (Currently Amended) The tire of Claim 1, ~~in which~~ wherein the ~~sensor's~~ electrodes are filamentary electrodes.

3. (Currently Amended) The tire of Claim 2, ~~in which~~ wherein the electrodes are filaments of conductive rubber.

4. (Currently Amended) The tire of Claim 1, ~~in which~~ wherein the electrodes are strip electrodes.

5. (Currently Amended) The tire of Claim 1, ~~in which~~ wherein the electrodes are rectilinear.

6. (Currently Amended) The tire of Claim 1, ~~in which~~ wherein the electrodes are arcs of circles substantially concentric with the rotation axis of the tire.

7. (Currently Amended) The tire of Claim 1, ~~in which~~ wherein the [[two]] electrodes are embedded in an elastomeric body configured so as to facilitate ~~displacements~~displacement of one ~~electrode~~of the electrodes relative to the other.

8. (Currently Amended) The tire of Claim 7, ~~in which~~ wherein the elastomeric body comprises a slot between the [[two]] electrodes.

9. (Currently Amended) The tire of Claim 1, ~~in which~~ wherein the sensor ~~is provided with~~comprises a flexible conductive envelope connected to a fixed potential ~~designed~~so as to limit electromagnetic ~~interferences~~interference.

10. (Currently Amended) The tire of Claim 9, ~~in which~~ wherein the conductive envelope comprises conductive particles embedded in the elastomeric body, ~~these~~the conductive particles ~~being for example~~comprising at least one of carbon black [[or]]and metallic particles.

11. (Currently Amended) The tire of Claim 1, ~~in which~~ wherein the sensor is located on a part of the sidewall of the tire between a bottom zone and a zone of maximum flexure.

12. (Currently Amended) A deformation sensor comprising [[two]] at least a pair of substantially parallel electrodes embedded in an elastomeric body forming a dielectric, wherein the sensor is configured to facilitate ~~displacements~~ displacement of one ~~electrode~~ of the electrodes relative to the other and ~~is provided with~~ comprises a flexible

conductive envelope connected to a fixed potential ~~and designed~~ so as to limit electromagnetic ~~interferences~~ interference.

13. (Currently Amended) The deformation sensor of Claim 12, ~~in which~~ wherein the conductive envelope comprises conductive particles embedded in the elastomeric body, [[these]] the conductive particles ~~being for example~~ comprising at least one of carbon black [[or]] and metallic particles.

14. (Currently Amended) The deformation sensor of Claim 12, ~~in which~~ wherein the elastomeric body has a slot between the [[two]] electrodes.

15. (Currently Amended) A ~~Process~~ method for evaluating the deflection of a tire, wherein the local bending of part of the sidewall of the tire in a plane containing the axis of the tire is measured.

16. (Currently Amended) The ~~process~~ method for evaluating the deflection of a of Claim 15, ~~in which~~ wherein the part of the sidewall of the tire [[whose]] where local bending is measured is located between a bottom zone and a zone of maximum flexure.

17. (Currently Amended) The ~~process~~ method for evaluating the deflection of a tire of Claim 15, ~~in which~~ wherein the pressure of the tire is also measured.